	<del>-</del>	A(A) $A$
	CDE Pro Course de de breabo CTIC Course	10 Par/10
ıN	CRF E. or s Corrected by the STIC System cumber: 10/030, 294	CRF Processing Date:
•	Changed a file from non-ASCII to ASCII NTERED	Verified by: (STIC s
	Changed the margins in cases where the sequence text was 'wrapped	I <sup>e</sup> down to the next line.
	Edited a format error in the Current Application Data section, specifical	ly:
	Edited the Current Application Data section with the actual current num applicant was  the prior application data; or other	nber. The number inputted by the
	Added the mandatory heading and subheadings for *Current Applicatio	n Data".
	Edited the "Number of Sequences" field. The applicant spelled out a nu	umber instead of using an integer.
	Changed the spelling of a mandatory field (the headings or subheading	s), specifically:
(	Corrected the SEQ ID NO when obviously incorrect. The sequence nur	mbers that were edited were:
ı	nserted or corrected a nucleic number at the end of a nucleic line. SEC	Q ID NO's edited:
(	Corrected subheading placement. All responses must be on the same I pplicant placed a response below the subheading, this was moved to it	ine as each subheading. If the is appropriate place.
	nserted colons after headings/subheadings. Headings edited included	: , , ·
•	Deleted extra, invalid, headings used by an applicant, specifically:	
-	Deleted:non-ASCII "garbage" at the beginning/end of files; sec page numbers throughout text; other invalid text, such as	cretary initials/filename at end of file
	nserted mandatory headings, specifically:	
(	Corrected an obvious error in the response, specifically:	
-	Edited identifiers where upper case is used but lower case is required, or	•
(	Corrected an error in the Number of Sequences field, specifically:	
_	"Hard Page Break" code was inserted by the applicant. All occurrence	es had to be deleted.
De	eleted ending stop codon in amino acid sequences and adjusted the "( e to a Patentin bug). Sequences corrected:	A)Length: field accordingly (error
du		
đu	Other:	

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



PCT10

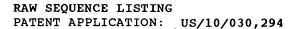
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239	tgactaaaac	ttcataaaca	ctcgattctt	accagctggg	catcctctct	actgttgttc	240
240	ttccccctct	ctcacggctt	cagagtcctt	gacgtatagt	agccacactt	gttgttggca	300
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242	atggcatcag	agtttaattt	cagcagcctg	gacttttgta	actgaactga	gctgatgagt	420
243	gtccaccctg	ctccagctac	ataacacttc	cttgtatctg	gatactggtt	tgatttgagg	480
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247	acttagaact	cactcttcct	ctcagctaag	agaaagagat	atccctttca	catcccctta	720
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249	aaacacatgc	acatgtactt	acatataata	tagtaatttt	cttaaagata	ttaaaattgg	840
250	aaataatata	ttattgtaga	atattctgaa	gtgcacaaat	tatttcaaat	tgcctgttaa	900
251	taaaaatatt	ctagtttatt	ttaatctctc	agtcggctcc	actctattct	ttatgtctta	960



VERIFICATION SUMMARY
PATENT APPLICATION: US/10/030,294

DATE: 02/21/2002 TIME: 21:31:59

Input Set : A:\PTO.txt

Output Set: N:\CRF3\02212002\J030294.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:125 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2



PCT10

RAW SEQUENCE LISTING

DATE: 02/21/2002

PATENT APPLICATION: US/10/030,294

TIME: 21:28:44

Input Set : A:\PTO.txt

Output Set: N:\CRF3\02212002\J030294.raw

Does Not Comply Corrected Diskette Needed

4 <110> APPLICANT: NIPPON KAYAKU KABUSHIKI KAISHA

- 6 <120> TITLE OF INVENTION: Gene Encoding Promoter Region of Tumor Suppressor Gene p51
- 8 <130> FILE REFERENCE: E5295-00
- C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/030,294
- C--> 10 <141> CURRENT FILING DATE: 2001-12-27
  - 10 <150> PRIOR APPLICATION NUMBER: JP 11-183195
- w--> 11 <151> prior filing date: 1999-6-29 1999-06-29
  - 13 <160> NUMBER OF SEQ ID NOS: 12

## **ERRORED SEQUENCES**

- 516 <210> SEO ID NO: 12
- 517 <211> LENGTH: 13940
- 518 <212> TYPE: DNA
- 519 <213> ORGANISM: Artificial Sequence
- 521 <220> FEATURE:
- 522 <223> OTHER INFORMATION: Plasmid gene containing p51promoter and neomycin resistance gene
- 524 <400> SEQUENCE: 12
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  - 526 ggatgtctgg aaaagaagcc cacccacatt gcttctggac actgggtgtg actttggagg
  - 180 527 gtatcaggtt tgtctgttaa agaaactgcc aacctcttcc tgccccaatt ggcctctgtt
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  - 360 530 agaagcacat ggctaaggtt gcaatgcact tgctttttca ttgaattaaa gtcattcgaa
  - 420
  - 531 taccattcag tttacttaag ttctaggccc agctttactc ctaatcgatg tcagactgta
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  - 540 catgatcagg cctctcctgg ccaaacatgg catctttctt ttgggaattt gaatcttaag 960
  - 541 ctgaatagct gaagttcaaa aaaagctgtt gaatctgact tacgcctaca gtggctttgc 1020
  - 1080 542 aaagtgactg tccattccta tttcttaagt ccctgaattt ataatttatc ctggttacag
  - 543 ccctttctga gatgtgtggt tttttttcca actgtctctt atagtctgtg aattttcata 1140
  - 544 tttcttttca tacattttca tgttttgttt gtttgtttgt gtgtttttt gctttaggta
  - 545 ggcagaatca gtttctgttg tttataccca aggaatcctg attgatacat ccttcccctt 1260
  - 546 taaaaataaa gtatctaagg ctcaaagaga gtaggctacc tgcctgaggt ctgggagtaa 1320
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/030,294

DATE: 02/21/2002 TIME: 21:28:44

Input Set : A:\PTO.txt

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			gaaagttcta				1920
			gcaagtcagt				1980
			gaaagttttg				2040
			taatgtgtca				2100
			atacctcata				2160
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562	atgttattca	tccattaggt	gcaatatttt	tgctagctcc	tgaaaacaca	gagatgaatt	2280
			aagctgttca				2340
			gaaagttata				2400
			tggggaaggt				2460
			caagatgtga				2520
			tccaaggcac				2580
			cagttgtaaa				2640
			tttggcagag				2700
			ctacgttatg				2760
			ccctccata				2820
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			agactctaaa				2940
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			atttaatttc				3240
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/030,294

DATE: 02/21/2002 TIME: 21:28:44

Input Set : A:\PTO.txt

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601	cctaactgag	cttctgaatc	atatttcatt	caatttccaa	atccacaaaa	ccaggataag	4620
602	tttacagccc	atattcagaa	aggaaataaa	ttattttgtg	tgtagacttt	cctgatatta	4680
603	cactgatttg	ggaatatatg	aacaatttta	tggtttcctt	tcgaagtagg	tcaagtcaaa	4740
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605	attaaaataa	actagaatat	ttttattaac	aggcaatttg	aaataatttg	tgcacttcag	4860
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608	ttttattcgg	gtcaggcaaa	gcttctaagg	ggatgtgaaa	gggatatete	tttctcttag	5040
609	ctgagaggaa	gagtgagttc	taaqttaaat	ataatcaagg	aatttccctq	tctttgctat	5100
610	ttgagattgt	gaccacaaca	gacgattagc	tgaaagggaa	actgaaggg	addagadaa	5160
611	ggaaatagat	gaaaaaacaa	aacaaaacaa	aacttcccta	accadeteta	caaaacattt	5220
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DATE: 02/21/2002

TIME: 21:28:44

RAW SEQUENCE LISTING PATENT APPLICATION: US/10/030,294

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Input Set : A:\PTO.txt

Output Set: N:\CRF3\02212002\J030294.raw

696 gtggtgtgac ataattggac aaactaccta cagagattta aagctctaag gtaaatataa 10320 697 aatttttaag tgtataatgt gttaaactac tgattctaat tgtttgtgta ttttagattc 10380 698 caacctatgg aactgatgaa tgggagcagt ggtggaatgc ctttaatgag gaaaacctgt 10440 699 tttgctcaga agaaatgcca tctagtgatg atgaggctac tgctgactct caacattcta 10500 700 ctcctccaaa aaagaagaga aaggtagaag accccaagga ctttccttca gaattgctaa 10560 702 caaaggaaaa agctgcactg ctatacaaga aaattatgga aaaatattct gtaaccttta 10680 703 taagtaggca taacagttat aatcataaca tactgttttt tcttactcca cacaggcata 10740 704 gagtgtctgc tattaataac tatgctcaaa aattgtgtac ctttagcttt ttaatttgta 10800 705 aaggggttaa taaggaatat ttgatgtata gtgccttgac tagagatcat aatcagccat 10860 706 accacatttg tagaggtttt acttgcttta aaaaacctcc cacacctccc cctgaacctg 10920 707 aaacataaaa tgaatgcaat tgttgttgtt aacttgttta ttgcagctta taatggttac 10980 708 aaataaagca atagcatcac aaatttcaca aataaagcat ttttttcact gcattctagt 11040 709 tgtggtttgt ccaaactcat caatgtatct tatcatgtct ggatccgtcg accgatgccc 11100 710 ttgagagcct tcaacccagt cagctccttc cggtgggcgc ggggcatgac tatcgtcgcc 11160 711 gcacttatga ctgtcttctt tatcatgcaa ctcgtaggac aggtgccggc agcgctcttc 11220 712 cgcttcctcg ctcactgact cgctgcgctc ggtcgttcgg ctgcggcgag cggtatcagc 11280 713 tcactcaaag gcggtaatac ggttatccac agaatcaggg gataacgcag gaaagaacat 11340 714 gtgagcaaaa ggccagcaaa aggccaggaa ccgtaaaaag gccgcgttgc tggcgttttt 11400 715 ccataggctc cgccccctg acgagcatca caaaaatcga cgctcaagtc agaggtggcg 11460 716 aaacccgaca ggactataaa gataccaggc gtttccccct ggaagctccc tcgtgcgctc 11520 717 teetgtteeg accetgeege ttaceggata cetgteegee ttteteeett egggaagegt 11580 718 ggcgctttct caatgctcac gctgtaggta tctcagttcg gtgtaggtcg ttcgctccaa 11640 719 gctgggctgt gtgcacgaac cccccgttca gcccgaccgc tgcgccttat ccggtaacta 11700 720 tcgtcttgag tccaacccgg taagacacga cttatcgcca ctggcagcag ccactggtaa 11760 721 caggattagc agagcgaggt atgtaggcgg tgctacagag ttcttgaagt ggtggcctaa 11820 722 ctacggctac actagaagga cagtatttgg tatctgcgct ctgctgaagc cagttacctt 11880 723 cggaaaaaga gttggtagct cttgatccgg caaacaaacc accgctggta gcggtggttt 11940 724 ttttgtttgc aagcagcaga ttacgcgcag aaaaaaagga tctcaagaag atcctttgat 12000 725 cttttctacg gggtctgacg ctcagtggaa cgaaaactca cgttaaggga ttttggtcat 12060 726 gagattatca aaaaggatct tcacctagat ccttttaaat taaaaatgaa gttttaaatc 12120 727 aatctaaagt atatatgagt aaacttggtc tgacagttac caatgcttaa tcagtgaggc 12180 728 acctatctca gcgatctgtc tatttcgttc atccatagtt gcctgactcc ccgtcgtgta 12240 729 gataactacg atacgggagg gcttaccatc tggccccagt gctgcaatga taccgcgaga 12300 730 cccacgctca ccggctccag atttatcagc aataaaccag ccagccggaa gggccgagcg 12360 731 cagaagtggt cctgcaactt tatccgcctc catccagtct attaattgtt gccgggaagc 12420 732 tagagtaagt agttcgccag ttaatagttt gcgcaacgtt gttgccattg ctacaggcat 12480 733 cgtggtgtca cgctcgtcgt ttggtatggc ttcattcagc tccggttccc aacgatcaag 12540 734 gcgagttaca tgatccccca tgttgtgcaa aaaagcggtt agctccttcg gtcctccgat 12600 735 cgttgtcaga agtaagttgg ccgcagtgtt atcactcatg gttatggcag cactgcataa 12660 736 ttctcttact gtcatgccat ccgtaagatg cttttctgtg actggtgagt actcaaccaa 12720 737 gtcattctga gaatagtgta tgcggcgacc gagttgctct tgcccggcgt caatacggga 12780 738 taataccgcg ccacatagca gaactttaaa agtgctcatc attggaaaac gttcttcggg 12840 739 gcgaaaactc tcaaggatct taccgctgtt gagatccagt tcgatgtaac ccactcgtgc 12900 740 acccaactga tcttcagcat cttttacttt caccagcgtt tctgggtgag caaaaacagg 12960 741 aaggcaaaat gccgcaaaaa agggaataag ggcgacacgg aaatgttgaa tactcatact 13020 742 cttccttttt caatattatt gaagcattta tcagggttat tgtctcatga gcggatacat 13080 743 atttqaatgt atttagaaaa ataaacaaat aggggttccg cgcacatttc cccgaaaagt 13140 744 gccacctgac gcgccctgta gcggcgcatt aagcgcggcg ggtgtggtgg ttacgcgcag 13200



RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/030,294

DATE: 02/21/2002 TIME: 21:28:44

Input Set : A:\PTO.txt

Output Set: N:\CRF3\02212002\J030294.raw

745 cgtgaccgct acacttgcca gcgccctagc gcccgctcct ttcgctttct tcccttcctt 13260 746 tetegocaeg ttegocgget tteecegtea agetetaaat egggggetee etttagggtt 13320 747 ccgatttagt gctttacggc acctcgaccc caaaaaactt gattagggtg atggttcacg 13380 748 tagtgggcca tegecetgat agaeggtttt tegecetttg aegttggagt ceaegttett 13440 749 taatagtgga ctcttgttcc aaactggaac aacactcaac cctatctcgg tctattcttt 13500 750 tgatttataa gggattttgc cgatttcggc ctattggtta aaaaatgagc tgatttaaca 13560 751 aaaatttaac gcgaatttta acaaaatatt aacgtttaca atttcccatt cgccattcag 13620 752 gctgcgcaac tgttgggaag ggcgatcggt gcgggcctct tcgctattac gccagcccaa 13680 753 gctaccatga taagtaagta atattaaggt acgtggaggt tttacttgct ttaaaaaaacc 13740 754 teceacacet eecetgaae etgaaacata aaatgaatge aattgttgtt gttaaettgt 13800 755 ttattgcage ttataatggt tacaaataaa gcaatagcat cacaaattte acaaataaag 13860 756 catttttttc actgcattct agttgtggtt tgtccaaact catcaatgta tcttatggta 13920 757 ctgtaactga gctaacataa E--> 760(9/1)





VERIFICATION SUMMARY PATENT APPLICATION: US/10/030,294 DATE: 02/21/2002 TIME: 21:28:45

Input Set : A:\PTO.txt

Output Set: N:\CRF3\02212002\J030294.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:11 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD

L:125 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2

L:760 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:13941 SEQ:12

L:760 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2

L:760 M:252 E: No. of Seq. differs, <211>LENGTH:Input:13940 Found:13941 SEQ:12